



CONSTRUCTION EQUIPMENT

VOLVO A40G 352410 - WET DISC BRAKE



Sample No: VCP412144
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP412144	VCP329170	VCP296000	---
Sample Date	09 Aug 2023	30 Sep 2021	23 Dec 2020	---
Machine Hours	3913	2118	1113	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	44.0	39.8	39.7	---
-------------	-----	-------------	------	------	-----



CONTAMINATION

Silicon	ppm	15	18	18	---
Sodium	ppm	4	12	12	---
Potassium	ppm	<1	<1	4	---



WEAR METALS

Iron	ppm	19	17	11	---
Copper	ppm	364	212	104	---
Lead	ppm	0	<1	2	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	2	1	1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<1	0	---
Nickel	ppm	3	6	5	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	<1	0	---
Manganese	ppm	2	2	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3401	3607	4004	---
Magnesium	ppm	16	10	10	---
Zinc	ppm	1306	1452	1657	---
Phosphorus	ppm	1163	1253	1287	---
Barium	ppm	0	0	0	---
Boron	ppm	90	123	114	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0090
Unique No: 10606387
Signed: Don Baldrige
Report Date: 17 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

